

IN THE CLAIMS:

Claims 1-83 (Cancelled)

84. (Currently Amended) Method for displaying graphical information on a display of an electronic device sized for hand-held use, said display providing an image in a window having an extent limited by the size of the electronic device, comprising the steps of:

receiving a first input windowing signal actuated by a user of said electronic device, said windowing signal having a magnitude indicative of a selected portion of a whole extent of said graphical information greater than displayable at once as said image over said limited extent of said window,

displaying said selected portion of said whole extent of said graphical information on said limited extent window, in response to said user actuated input windowing signal,

receiving a second input windowing signal actuated by said user having a magnitude indicative of a ~~shifting or~~ scrolling of said selected portion of said graphical information, and

displaying said selected portion of said graphical information ~~shifted or~~ scrolled according to said second input windowing signal within said window.

85. (Previously Presented) The method of claim 84, wherein said graphical information has a given resolution available over said whole extent of said graphical information and wherein said step of displaying said portion of said whole extent of said graphical information is at a resolution equal to said given resolution.

86. (Previously Presented) The method of claim 84, wherein said step of receiving a first input windowing signal and said step of displaying said selected portion of said whole extent comprise the steps of:

receiving an input zoom signal actuated by said user of said electronic device, said input zoom signal having a magnitude indicative of said selected

portion of said whole extent of said graphical information, wherein said graphical information has a given resolution available over said whole extent of said graphical information greater than displayable at once in said window, and  
displaying said given resolution over said selected portion of said extent of said graphical information.

87. (Previously Presented) The method of claim 84, wherein at least one of said first input windowing signal and said second input windowing signal is provided in response to said user actuating a finger- or hand-actuated control device associated with said electronic device.

88. (Previously Presented) The method of claim 87, wherein said control device includes one or more finger-actuatable buttons or keys.

89. (Previously Presented) The method of claim 87, wherein said control device includes one or more finger-actuatable rollers.

90. (Previously Presented) The method of claim 87, wherein said control device includes one or more joysticks.

91. (Previously Presented) The method of claim 84, wherein said at least one of said first input windowing and said second input windowing signal is provided in response to said user moving said electronic device.

92. (Previously Presented) The method of claim 91, wherein said moving includes moving said device with changing velocity.

93. (Previously Presented) The method of claim 86, wherein said first input windowing signal is provided in response to said user moving said electronic device and said second input windowing signal is provided in response to said user actuating a finger- or hand-actuated control device associated with said electronic device.

94. (Previously Presented) The method of claim 91, wherein said moving includes moving with respect to sensible objects.

95. (Previously Presented) The method of claim 85, wherein said at least one of said first input windowing and said second input windowing signal is provided in response to said user moving said electronic device.

96. (Previously Presented) The method of claim 95, wherein said moving includes moving said device with changing velocity.

97. (Previously Presented) The method of claim 86, wherein said input zoom signal is provided in response to said user moving said electronic device.

98. (Previously Presented) The method of claim 97, wherein said moving includes moving said device with changing velocity.

99. (Previously Presented) The method of claim 84, further comprising the step of displaying a stationary pointer on said limited extent window for use in selecting a link in its vicinity.

100. (Previously Presented) The method of claim 99, further comprising the step of receiving a user entered link selection signal for said selecting a link.

101. (Previously Presented) The method of claim 99, wherein said step of displaying comprises the step of changing a color or shape of said stationary pointer when in said vicinity of said link.

102. (Previously Presented) The method of claim 99, wherein said step of displaying is carried out only when link is positioned in said vicinity of said stationary pointer.

103. (Previously Presented) The method of claim 99, wherein said stationary pointer is positioned in a central position within said limited extent window.

104. (Currently Amended) Apparatus comprising a display for displaying graphical information on said display of an electronic device sized for hand-held use, said display providing an image in a window having an extent limited by the size of the electronic device, said apparatus comprising:

one or more user input devices for actuation by a user of said electronic device for providing a first windowing signal having a magnitude indicative of a selected portion of a whole extent of said graphical information greater than displayable at once as said image over said limited extent of said window;

a signal processor, responsive to said first windowing signal, for providing a display signal for displaying said selected portion of said whole extent of said graphical information on said limited extent window

said one or more user input devices for actuation by said user of said electronic device for providing a second windowing signal having a magnitude indicative of a ~~shifting or~~ scrolling of said selected portion of said extent of said graphical information wherein said signal processor is responsive to said second windowing signal for providing said display signal for displaying said portion of said extent of said graphical information on said limited extent window ~~shifted or~~ scrolled according to said second input windowing signal.

105. (Previously Presented) The apparatus of claim 104, wherein said graphical information has a given resolution available over said whole extent of said graphical information and wherein said display signal for displaying said selected portion of said whole extent of said graphical information is at a resolution equal to said given resolution.

106. (Previously Presented) The apparatus of claim 104, wherein at least one of said one or more user input devices for actuation by said user of said electronic device is also for providing an input zoom signal having a magnitude

indicative of said selected portion of said whole extent of said graphical information, wherein said graphical information has a given resolution available over said whole extent of said graphical information greater than displayable at once in said window, and wherein said display signal is also for displaying said given resolution over said selected portion of said extent of said graphical information.

107. (Previously Presented) The apparatus of claim 104, wherein at least one of said first input windowing signal and said second input windowing signal is provided in response to said user actuating a finger- or hand-actuated user input device.

108. (Previously Presented) The apparatus of claim 104, wherein at least one of said one or more user input devices comprises one or more finger-actuatable buttons or keys.

109. (Previously Presented) The apparatus of claim 104, wherein at least one of said one or more user input devices comprises one or more finger-actuatable rollers.

110. (Previously Presented) The apparatus of claim 104, wherein at least one of said one or more user input devices comprises one or more joysticks.

111. (Previously Presented) The apparatus of claim 104, wherein said first input windowing signal is provided in response to said user moving said electronic device.

112. (Previously Presented) The apparatus of claim 111, wherein said moving includes moving said electronic device with changing velocity.

113. (Previously Presented) The apparatus of claim 106, wherein said first input windowing signal is provided in response to said user moving said electronic device.

114. (Previously Presented) The apparatus of claim 113, wherein said moving includes moving said electronic device with changing velocity.

115. (Previously Presented) The apparatus of claim 106, wherein said input zoom signal is provided in response to said user moving said electronic device.

116. (Previously Presented) The apparatus of claim 115, wherein said moving includes moving said electronic device with changing velocity.

117. (Previously Presented) The apparatus of claim 104, wherein said signal processor is responsive to positioning of a hyperlink within said limited extent window for displaying a user actuatable pointer at a selected position within said limited extent window when said hyperlink is positioned at said selected position within said limited extent window.

118. (Previously Presented) The apparatus of claim 104, further comprising means for receiving a user entered link selection signal for selecting a link.

119. (Previously Presented) The apparatus of claim 118, of the signal processor is adapted to provide a display signal for changing a color or shape of said stationary pointer when in said vicinity of said link.

120. (Previously Presented) The apparatus of claim 118, wherein the signal processor is adapted to provide said display signal when said link is positioned in said vicinity of said stationary pointer.

121. (Previously Presented) The apparatus of claim 118, wherein said stationary pointer is positioned in a central position within said limited extent window.

122. (Currently Amended) Computer program stored on a computer readable medium for installation in an electronic device sized for hand-held use, said display providing an image in a window having an extent limited by the size of the electronic device, said program for carrying out the steps of:

receiving a first input windowing signal actuated by a user of said electronic device, said windowing signal having a magnitude indicative of a selected portion of a whole extent of said graphical information greater than displayable at once as said image over said limited extent of said window,

displaying said selected portion of said whole extent of said graphical information on said limited extent window, in response to said user actuated input windowing signal,

receiving a second input windowing signal actuated by said user having a magnitude indicative of a ~~shifting or~~ scrolling of said selected portion of said graphical information, and

displaying said selected portion of said graphical information ~~shifted or~~ scrolled according to said second input windowing signal within said window.

123. (New) The method of claim 84, wherein said second input windowing signal is for said scrolling with fine granularity said portion of said whole extent of said graphical information selected for display on said limited extent window by said first input windowing signal.

124. (New) The apparatus of claim 104, wherein said second windowing signal is for said scrolling with fine granularity said portion of said whole extent of said graphical information selected for display on said limited extent window by said first windowing signal.

125. (New) The computer program of claim 122, wherein said second input windowing signal is for said scrolling with fine granularity said portion of said whole extent of said graphical information selected for display on said limited extent window by said first input windowing signal.

126. (New) The method of claim 123, wherein said scrolling is carried out vertically, horizontally, or in some combination thereof.

127. (New) The apparatus of claim 124, wherein said scrolling is carried out vertically, horizontally, or in some combination thereof.

128. (New) The computer program of claim 125, wherein said scrolling is carried out vertically, horizontally, or in some combination thereof.